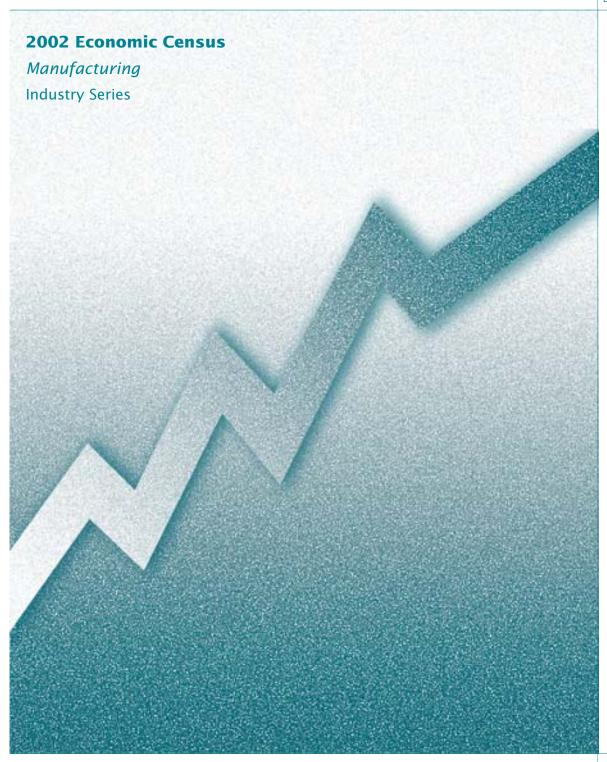
Magnetic and Optical Recording Media Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All em	ployees	Pro	duction work	kers		Total	value of shipments	Total capital expendi- tures (\$1,000)
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		
334613, Magnetic and optical recording media manufacturing	169 N N N	N N	11 283 15 030 17 217 19 184	250 614 512 715 611 525 681 352 715 867	9 639 11 414 12 756	8 548 14 643 18 967 23 891 27 143	149 104 249 306 303 356 356 197 394 176	1 240 214 1 126 676 1 440 626 1 902 526 2 242 263	1 947 624 1 818 858 2 117 772	2 218 973 2 475 061 3 401 568 3 763 597 4 358 594	183 169 140 020 261 264 304 135 311 435
1997	241	257	20 869	803 274	14 337	29 384	408 755	2 300 229	2 408 526	4 678 766	439 882

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments ²		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)		Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	tures
334613, Magnetic and optical recording media manufacturing												
United States. California Massachusetts New York	-	173 59 5 15	10 2	5 754 2 548 250 414	250 614 113 241 12 445 17 046	3 993 1 717 207 269	8 548 3 622 419 499	149 104 62 350 9 697 10 344	1 240 214 549 674 32 152 56 208		2 218 973 927 910 113 767 102 971	

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
334613, Magnetic and optical recording media manufacturing	
Companies ¹ number	169
All establishments ²	173 138 23 12
All employees³ number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	5 754 319 184 250 614 68 570
Production workers, average for year	3 993 4 024 4 005 4 021 3 919
Production worker hours	8 548 149 104
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	947 538 883 401 29 889 6 967 18 365 8 916
Quantity of electricity purchased for heat and power	292 074 D
Total value of shipments \$1,000. Primary products value of shipments \$1,000. Secondary products value of shipments \$1,000. Total miscellaneous receipts \$1,000. Value of resales \$1,000. Contract receipts \$1,000. Other miscellaneous receipts \$1,000.	2 218 973 2 106 593 29 495 82 885 34 216 48 669
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	99 2 520 035 2 106 593 413 442
Coverage ratiopercent	84
Value added\$1,000	1 240 214
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	220 072 54 888 41 593 123 591
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	169 737 28 025 37 235 104 477
Gross value of depreciable assets (acquisition costs) at beginning of year. \$1,000. Total capital expenditures (new and used) \$1,000. Buildings and other structures (new and used) \$1,000. Machinery and equipment (new and used) \$1,000. Automobiles, trucks, etc., for highway use \$1,000. Computers and peripheral data processing equipment \$1,000. All other expenditures for machinery and equipment \$1,000. Total retirements \$1,000. Gross value of depreciable assets at end of year \$1,000.	1 303 276 '83 169 '17 510 '65 659 '640 '3 876 '61 143 '83 058 '1 303 387
Depreciation charges during year\$1,000	^r 60 733
Total rental payments \$1,000 Buildings and other structures \$1,000 Machinery and equipment \$1,000	51 199 10 818 40 381
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	119 721 95 17 408 1 928 D D D 3 837 1 552 7 062 3 502 76 236

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class		All employees			Pr	oduction worke	ers		Total	Total	Total capital
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
334613, Magnetic and optical recording media manufacturing											
All establishments Establishments with — 1 to 4 employees 5 to 9 employees 10 to 19 employees 20 to 49 employees 10 to 249 employees 10 to 249 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees 2,500 employees or more	9 9 8 2	173 94 19 25 13 10 6 4 1	5 754 204 127 364 388 692 876 g f g	250 614 7 725 5 541 15 199 16 794 33 628 36 396 D D	3 993 133 87 249 266 377 694 D D	8 548 234 191 524 531 769 1 401 D D	149 104 4 456 3 437 9 188 9 260 14 794 26 830 D D	1 240 214 17 033 12 697 35 825 44 619 135 164 185 696 D D	947 538 22 586 18 878 49 226 47 591 108 927 275 301 D D D	2 218 973 39 592 31 579 86 296 96 311 250 511 461 965 D	'83 169 '964 '811 '2 155 '6 453 '4 829 '12 910 D D
Administrative records ⁴	9	121	537	22 894	361	737	13 680	51 665	75 061	126 720	r3 221

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	All	All employees		Pr	oduction work	ers		Total	Total	Total capital
product class code		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
334613	Magnetic and optical recording media manufacturing	173	5 754	250 614	3 993	8 548	149 104	1 240 214	947 538	2 218 973	¹ 83 169
3346130	Magnetic and optical recording media	173	5 754	250 614	3 993	8 548	149 104	1 240 214	947 538	2 218 973	r83 169

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
334613	Magnetic and optical recording media manufacturing	N N	X	X	2 520 035 5 913 679	
3346130	Magnetic and optical recording media	N N	X	X	2 520 035 5 913 679	
33461301	Magnetic and optical recording media, unrecorded disks	N N N	X X	X X	174 671 1 360 492	
3346130110	Magnetic and optical recording media, unrecorded disks ¹	16 23	X X	X	174 671 1 360 492	
33461304	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video	N N	X	X	1 606 946 2 444 423	
3346130410	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video¹	23 24	X	X	1 606 946 2 444 423	
33461306	All other magnetic and optical recording media, unrecorded	N N	X X	X X X	542 404 1 493 689	
3346130610	All other magnetic and optical recording media.	.,	• •	*		
	unrecorded 2002.	34 17	X	X	542 404 1 493 689	
3346130Y	Magnetic and optical recording media, nsk, total	N N	X	X	196 014 615 075	
3346130YWW	Magnetic and optical recording media, nsk, for nonadministrative-record establishments	N.	X	X	82 041	
3346130YWY	Magnetic and optical recording media, nsk, for administrative-record establishments	N N	X X	X X	463 645 113 973	
	1997	N	X	X	151 430	

¹For additional detail, see Current Industrial Report MA334R, Computers and Office and Accounting Machines.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
334613	Magnetic and optical recording media manufacturing		
00900001	Total materials	x	883 401
32221001	Paperboard containers, boxes, and corrugated paperboard	X	2 159 479 8 747
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X X X	76 032 26 598 75 374
32610007	Fabricated plastics products (excluding gaskets, hoses, and belting)	x	9 741
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	X	103 808 133 939
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X X X	329 340 D D
33200095	Other fabricated metal products (excluding castings and forgings)	X	D D
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	x	D
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal	X	N
	products)	XX	D D
33111107	Ferrites (powder and paste)	×	D
00970099	All other materials and components, parts, containers, and supplies	X	566 001
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	655 774 77 562 689 837

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.